

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Cook, et al.

Appl. No. 10/030,593

Filed: January 8, 2002

For: TWO-STEP RADIAL EXPANSION

§ Attorney Docket No.: 25791.25.08  
§  
§ Group Art Unit: 3672  
§  
§ Examiner: Kenneth L. Thompson  
§

**DECLARATION OF TODD MATTINGLY**

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

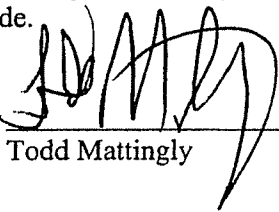
I, Todd Mattingly, declare and say that I have direct knowledge of all facts set forth in this Declaration and:

1. I am a registered patent attorney, Reg. No. 40,298, and have been practicing patent law for twelve years.
2. Presently, I am a Partner in the law firm of Haynes and Boone, LLP (the Firm) in its Houston office.
3. Presently, I am the Firm's attorney responsible for the above-identified patent application.
4. Upon receipt of the Notice of Abandonment, I reviewed the file jacket, docket record sheet and other information relating to this matter to ensure that the Office action dated December 30, 2005 had not been received at the Firm. I also communicated with Ms. Kiefer and Ms. Vinson to gather facts pertinent to their declarations.
5. The Firm conducted its investigation with due diligence and is presenting this petition promptly after learning of the Notice of Abandonment for failure to respond to the Office action dated December 30, 2005 for the above referenced patent application.

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements, and the like, so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

Date

H-639786\_1.DOC

  
Todd Mattingly

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Cook, et al.	§	Attorney Docket No.: 25791.25.08
	§	
Appl. No. 10/030,593	§	Group Art Unit: 3672
	§	
Filed: January 8, 2002	§	Examiner: Kenneth L. Thompson
	§	
For: TWO-STEP RADIAL EXPANSION		

**DECLARATION OF SUZANNE KIEFER**

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Suzanne Kiefer, declare and say that I have direct knowledge of all facts set forth in this Declaration and:

1. I have been an employee of Haynes and Boone, LLP (the "Firm") since January 1998. In December, 2005, I was the IP Staff Supervisor in the Intellectual Property Practice Group (the "Group").

2. At all times relevant to the facts presented in this Declaration, I was responsible for developing, implementing and managing the Group's internal systems at the Firm including procedures relating to mail handling and docketing in order to adapt to growth and to more importantly prevent errors.

3. During the relevant time period, the following procedure was utilized by Group for handling mail and docketing incoming correspondence. Specifically, all incoming mail is received by the Firm's main mailroom within each of the Firm's offices. This mail is separated by attorney and sections within the Firm. All correspondence received for anyone within the Group is then directed to and opened by the Group's file clerks within each of the Firm's offices. Any correspondence relating to the prosecution of patent applications is sent to be given to our Group's docketing department for processing before it is given to one of the Group's attorneys.

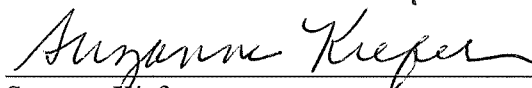
4. I personally reviewed the Firm's internal mail log and determined that the Firm did not receive an Office action dated December 30, 2005 regarding the above-identified application.

5. I personally reviewed the docket record for the above-identified application and determined that there were no updates of the docket record to reflect the response date for an Office action dated December 30, 2005. A copy of the docket record for the above-identified application is attached as Exhibit B-1. The last activity in the docket record prior to December 30, 2005 was the receipt of a return postcard on October 12, 2005 for the filing of a supplemental IDS. The next activity in the docket record after December 30, 2005 is the receipt of a return postcard on April 17, 2006 for the filing of a supplemental IDS. An entry for "Awtg Office Action" dated January 14, 2006 was docketed as a routine matter in our anticipation of a 3<sup>rd</sup> Office action in the above-identified patent application. This action was completed with the date of August 31, 2006 which indicated our receipt of the Notice of Abandonment.

6. Upon receipt of the Notice of Abandonment, I investigated the reason for the abandonment and reviewed the patent application information for the above-identified application on the Patent Application Information Retrieval ("PAIR") system on the U.S. Patent and Trademark's Office

website and discovered that the U.S. Patent and Trademark Office ("USPTO") had received mail returned as undelivered on January 23, 2006. Upon review of the document that had been returned to the USPTO, I discovered that the document was the December 30, 2005 Office action which is the subject of the Notice of Abandonment. Exhibit B-2 is a copy of the PAIR image file wrapper index and a copy of the returned Office letter showing a return date stamp of January 23, 2006.

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements, and the like, so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

  
\_\_\_\_\_  
Suzanne Kiefer

10/30/06  
Date

# EXHIBIT B-1

## Patent Record Sheet

### File Information

Docket Number	25791.00025.08	Status	Inactive
Country	United States	Sub Status	Abandoned
Case Type	Regular Case Type	Attorney	Todd D. Mattingly
Relation Type	Original Filing	Associate 1	
Filing Type	Patent Cooperation Treaty	Associate 2	
Client\Division	Enventure Global Technology, LLC	ClientRef#	TH-1515
Current Owner	Enventure Global Technology LLC	Agent	

### TITLE:

Two-Step Radial Expansion

Application Number	10/030593	NationalFilingDate	10/29/2002
Application Date	7/7/2000	Publication Number	
Patent Number		Publication Date	
Grant Date		Next Tax Date	
		Expiration Date	

### Parent Information

First Filing Date	7/9/1999	Parent Grant Number	PCT/US2000/018635
Parent Country	United States	Parent Grant Date	
Parent Filing Date	7/7/2000		

### Patent Actions

#### Actions Due

Action	Action Due Date	Deadline Date	Completed Date	Action Notes
Publication Not Applicable				US National Phase
Abandoned				8/29/2006 - Received Notice of Abandonment. (amf)
Awtg Post Card	2/8/2002		2/20/2002	re: application filing
Awtg Official Filing Receipt	4/8/2002		2/13/2003	
Awtg Notice re Missing Parts	4/8/2002		4/5/2002	re: Notice of Missing Requirements - Declaration
Response Due to Missing Parts	6/1/2002	10/1/2002	5/31/2002	MISSING REQUIREMENTS
Awtg Post Card	6/30/2002		6/23/2002	re: response to missing parts
Missing Parts Response Due (1st Ext.)	7/1/2002	10/1/2002	5/31/2002	MISSING REQUIREMENTS
Awtg Executed Assignment	7/15/2002		6/4/2002	
Awtg Post Card	7/19/2002		7/17/2002	re: assignment recordation
Missing Parts Response Due (2nd Ext.)	8/1/2002	10/1/2002	5/31/2002	MISSING REQUIREMENTS
Awtg Executed Assignment	8/18/2002		9/5/2002	
Awtg Executed Declaration	8/18/2002		9/5/2002	
Missing Parts Response Due (3rd Ext.)	9/1/2002	10/1/2002	5/31/2002	MISSING REQUIREMENTS
File Assignment	9/15/2002		6/24/2002	
Dead Date to File Missing Parts	10/1/2002	10/1/2002	5/31/2002	MISSING REQUIREMENTS
Reminder - Response Due	10/6/2002	11/6/2002	10/23/2002	DENIED PETITION
Awtg Post Card	10/9/2002		9/24/2002	re: supp dec
Dead Date Response Due	11/6/2002	11/6/2002	10/23/2002	RESPONSE TO DENIED PETITION DUE

Awtg Post Card	11/23/2002		11/5/2002	response to denied petition
Awtg Acceptance of Petition	11/30/2002		9/16/2002	re: non signing inventor
Awtg Post Card	12/4/2002		11/13/2002	supplemental IDS
Awtg Recorded Assignment	12/19/2002		9/18/2002	
Prepare Request for Corr. Filing Receipt	2/20/2003		2/1/2003	see non-consistent priority data on filing receipt
Awtg Acceptance of Petition	4/23/2003		1/24/2003	GRANTED
Application Published - Original Date	7/8/2003		2/13/2003	estimated 18 months from filing date
Awtg Post Card	10/2/2003		9/16/2003	9/2/2003 Status Inquiry sent to USPTO, Awaiting results.
Awtg Status Inquiry Results	10/2/2003		12/15/2003	9/2/2003 Status Inquiry sent to USPTO, Awaiting results.
Awtg Post Card	10/18/2003		10/3/2003	Supplemental IDS filed.
1st Office Action Mail Date	5/21/2004		5/21/2004	
Response Due 1st O.A. - No Fee	8/21/2004	11/21/2004	9/13/2004	No action taken at this time.
Awtg Post Card	9/17/2004		8/24/2004	Suppl IDS Box 1
Awtg Post Card	9/17/2004		8/24/2004	Suppl IDS Box 4
Awtg Post Card	9/17/2004		8/24/2004	Suppl IDS Box 3
Awtg Post Card	9/17/2004		8/24/2004	Suppl IDS Box 2
Resp. Due - 1st O.A. (1 Mo. Extension)	9/21/2004	11/21/2004	10/11/2004	No action taken at this time.
Resp. Due - 1st O.A. (2 Mo. Extension)	10/21/2004	11/21/2004	11/1/2004	No action taken at this time.
Resp. Due - 1st O.A. (Final Dead Date)	11/21/2004	11/21/2004	11/22/2004	
Awtg Post Card	12/22/2004		11/30/2004	Amendment.
Awtg Office Action	3/1/2005		5/21/2004	12/1/2003 - PTO estimates over 15 months before a first office action will be received. 9/2/2003 Status Inquiry sent to USPTO, Awaiting results.
Awtg Post Card	3/3/2005		2/11/2005	Suppl IDS Box 4
Awtg Post Card	3/3/2005		2/11/2005	Suppl IDS Box 3
Awtg Post Card	3/3/2005		2/11/2005	Suppl IDS Box 1
Awtg Post Card	3/3/2005		2/11/2005	Suppl IDS Box 2
2nd Office Action Mail Date	3/17/2005		3/17/2005	
Awtg Office Action	3/22/2005		3/21/2005	
Reponse to 2nd Office Action due - No Fee	6/17/2005	9/17/2005	8/18/2005	8/18/2005 Closed action per SMK, no response filed 6/17/2005, extension to be taken.
Response to 2nd O.A. (1st Extension)	7/17/2005	9/17/2005	8/18/2005	8/18/2005 Closed action per SMK, no response filed 7/17/2005, extension to be taken.
Response to 2nd O.A. (2nd Extension)	8/17/2005	9/17/2005	9/14/2005	
Response to 2nd OA - Final Dead Date	9/17/2005	9/17/2005	9/14/2005	
Awtg Post Card	10/14/2005		9/22/2005	Response to OA filed.
Awtg Post Card	11/3/2005		10/12/2005	Box 1-Supplemental IDS filed.
Awtg Post Card	11/3/2005		10/12/2005	Box 3 - Supplemental IDS filed.
Awtg Post Card	11/3/2005		10/12/2005	Box 2-Supplemental IDS filed.
Awtg Office Action	1/14/2006		8/31/2006	3rd OA.
Awtg Post Card	5/6/2006		4/17/2006	Box 2 - Supp. IDS filed.
Awtg Post Card	5/6/2006		4/17/2006	Box 1 - Supp. IDS filed.

## Notes

Claims priority of both provisional applications; filed by filing date for .26 provisional. Joint Venture arrangement with Enventure

Global Technology

**Inventors****Inventors**

Assignment Date	Reel/Frame No.	Inventor	Employed By Client
		Cook, Robert Lance	
		Stewart, R. Bruce	
		Ring, Lev	
		Haut, Richard Carl	
		Duell, Alan B.	
		Cowan, Kenneth Michael	
		Brisco, David Paul	
		Wyant, Reece E.	
		Nahm, James Jang Woo	
		Mack, Robert Donald	
		Filippov, Andrei Gregory	
		Dean, William (Bill)	

UpdateDate: 10/10/2006

UpdateUser: CURTSJ

# EXHIBIT B-2



04-06-2006	Foreign Reference	19	<input type="checkbox"/>
04-06-2006	Foreign Reference	15	<input type="checkbox"/>
04-06-2006	Foreign Reference	41	<input type="checkbox"/>
04-06-2006	Foreign Reference	2	<input type="checkbox"/>
04-06-2006	Foreign Reference	4	<input type="checkbox"/>
04-06-2006	Foreign Reference	72	<input type="checkbox"/>
04-06-2006	Foreign Reference	82	<input type="checkbox"/>
04-06-2006	Foreign Reference	69	<input type="checkbox"/>
04-06-2006	Foreign Reference	297	<input type="checkbox"/>
04-06-2006	Foreign Reference	463	<input type="checkbox"/>
04-06-2006	Foreign Reference	35	<input type="checkbox"/>
04-06-2006	Foreign Reference	226	<input type="checkbox"/>
04-06-2006	Foreign Reference	420	<input type="checkbox"/>
04-06-2006	Foreign Reference	527	<input type="checkbox"/>
04-06-2006	Foreign Reference	225	<input type="checkbox"/>
04-06-2006	Foreign Reference	61	<input type="checkbox"/>
04-06-2006	Foreign Reference	52	<input type="checkbox"/>
04-06-2006	Foreign Reference	78	<input type="checkbox"/>
04-06-2006	Foreign Reference	90	<input type="checkbox"/>
04-06-2006	Information Disclosure Statement (IDS) Filed	20	<input type="checkbox"/>
04-06-2006	Foreign Reference	143	<input type="checkbox"/>
04-06-2006	Foreign Reference	71	<input type="checkbox"/>
04-06-2006	Foreign Reference	225	<input type="checkbox"/>
04-06-2006	Foreign Reference	225	<input type="checkbox"/>
01-23-2006	Mail returned to USPTO as undelivered	18	<input type="checkbox"/>
12-30-2005	Non-Final Rejection	5	<input type="checkbox"/>
12-30-2005	List of References cited by applicant and considered by examiner	10	<input type="checkbox"/>
12-30-2005	List of references cited by examiner	1	<input type="checkbox"/>
12-30-2005	Index of Claims	1	<input type="checkbox"/>
12-30-2005	Search information including classification, databases and other search related notes	1	<input type="checkbox"/>
11-03-2005	Miscellaneous Internal Document	1	<input type="checkbox"/>
10-04-2005	Foreign Reference	101	<input type="checkbox"/>
10-04-2005	Foreign Reference	164	<input type="checkbox"/>
10-04-2005	Foreign Reference	145	<input type="checkbox"/>
10-04-2005	Foreign Reference	132	<input type="checkbox"/>
10-04-2005	Foreign Reference	37	<input type="checkbox"/>
10-03-2005	Foreign Reference	39	<input type="checkbox"/>
10-03-2005	Foreign Reference	109	<input type="checkbox"/>
10-03-2005	Foreign Reference	100	<input type="checkbox"/>
10-03-2005	Foreign Reference	50	<input type="checkbox"/>
10-03-2005	Foreign Reference	200	<input type="checkbox"/>
10-03-2005	Foreign Reference	214	<input type="checkbox"/>
10-03-2005	Foreign Reference	89	<input type="checkbox"/>
10-03-2005	Foreign Reference	85	<input type="checkbox"/>
10-03-2005	Foreign Reference	21	<input type="checkbox"/>
10-03-2005	Foreign Reference	24	<input type="checkbox"/>
10-03-2005	Foreign Reference	49	<input type="checkbox"/>
10-03-2005	Foreign Reference	31	<input type="checkbox"/>
10-03-2005	Foreign Reference	216	<input type="checkbox"/>
10-03-2005	Foreign Reference	75	<input type="checkbox"/>
10-03-2005	Foreign Reference	75	<input type="checkbox"/>
10-03-2005	Foreign Reference	76	<input type="checkbox"/>
10-03-2005	Foreign Reference	68	<input type="checkbox"/>
10-03-2005	Foreign Reference	291	<input type="checkbox"/>
10-03-2005	Foreign Reference	216	<input type="checkbox"/>
10-03-2005	Foreign Reference	94	<input type="checkbox"/>
10-03-2005	Foreign Reference	100	<input type="checkbox"/>
10-03-2005	Foreign Reference	93	<input type="checkbox"/>
10-03-2005	Foreign Reference	93	<input type="checkbox"/>



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
COMMUNICATIONS FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/030,593	10/29/2002	Robert Lance Cook	25791.25.08	2137

7590

12/30/2005

Todd Mattingly  
Haynes & Boone  
Suite 4300  
1000 Louisiana  
Houston, TX 77002



EXAMINER
----------

THOMPSON, KENNETH L

ART UNIT	PAPER NUMBER
----------	--------------

3672

DATE MAILED: 12/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Best Available Copy

## Office Action Summary

10/030,593

COOK ET AL.

Examiner

Art Unit

Kenneth Thompson

3672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 14 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-28, 61, 64-66, 68-77, 79-84 and 86-131 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-3, 7, 21-25, 28, 61, 64-66, 68-77, 79-84, 86-94, 99-120, 124-129 and 131 is/are allowed.
- 6) ☒ Claim(s) 4-6 is/are rejected.
- 7) ☒ Claim(s) 8-20, 26, 27, 95-98, 121-123 and 130 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/05

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Objections***

Claims 8-20, 26, 27, 95-98, 121-123 and 130 are objected to because of the following informalities:

The recitation "circumferential groove" in claim 8, line 7 lacks antecedent basis. Claims 9-20, 26, 27 and 95-98 depend from claim 8 and are likewise objected to. Claims 121-123 and 130 have a similar recitation are likewise objected to. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 4-6, are rejected under 35 U.S.C. 102(b) as being anticipated by Rabe, U.S.

4,779,445.

Regarding claims 4-6, Rabe discloses a second tubular member (14) and a first tubular member (15) having an interior diameter substantially equal to the expanded inner diameter of the second tubular.

### ***Allowable Subject Matter***

Claims 1-3, 7, 21-25, 28, 61, 64-66, 68-77, 79-84, 86-94, 99-120, 124-129 and 131 are allowed

Art Unit: 3672

Claims objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not disclose or suggest all the claimed subject matter including relative burst strengths.

The prior art of record does not disclose or suggest all the claimed subject matter including plastically deforming the tubular members.

### ***Response to Arguments***

Applicant's arguments are persuasive. Therefore, the rejections have been withdrawn. However, upon further consideration, a new grounds of rejection is made.

### ***Conclusion***

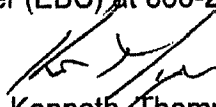
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth Thompson whose telephone number is 571 272-7037. The examiner can normally be reached on 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J. Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3672

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

26 December 2005



Kenneth Thompson  
Primary Examiner  
Art Unit 3672

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

TWO STEP RADIAL EXPANSION

Application Number : 10/030593



Confirmation Number: 2137

First Named Applicant: Robert Cook

Attorney Docket Number: 25791.25.08

Art Unit: 3672

Examiner: Kenneth Thompson

Search string: ( 1756531 or 2145168 or 2383214 or 2546295 or 2627891 or 3068563 or 3210102 or 3343252 or 3427707 or 3528498 or 3667547 or 3709306 or 3942824 or 4125937 or 4226449 or 4257155 or 4355664 or 4401325 or 4422507 or 4442586 or 4449713 or 4468309 or 4530231 or 4541655 or 4550782 or 4595063 or 4649492 or 4754781 or 4758025 or 4778088 or 4779445 or 4836579 or 4854338 or 4904136 or 4915177 or 4917409 or 4919989 or 4930573 or 4995464 or 5031370 or 5064004 or 5195583 or 5327964 or 5554244 or 5566772 or 5738146 or 6390720 or 6419025 or 6516887 or 6543545 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
/	1	1756531	1930-04-29	Aldeen, et al.			
/	2	2145168	1939-01-24	Flagg			
/	3	2383214	1945-08-21	Prout			
/	4	2546295	1951-03-27	Boice			
/	5	2627891	1953-02-10	Clark			
/	6	3068563	1962-12-18	Reverman			
/	7	3210102	1965-10-05	Joslin			
/	8	3343252	1967-09-26	Reesor			
/	9	3427707	1969-02-18	Nowosadko			
/	10	3528498	1970-09-15	Carothers			
/	11	3667547	1972-06-06	Ahlstone			
/	12	3709306	1973-01-09	Curington			
/	13	3942824	1976-03-09	Sable			
/	14	4125937	1978-11-21	Brown, et al.			
/	15	4226449	1980-10-07	Cole			
/	16	4257155	1981-03-24	Hunter			
/	17	4355664	1982-10-26	Cook, et al.			
/	18	4401325	1983-08-30	Tsuchiya, et al.			

19	4422507	1983-12-27	Reimert			
20	4442586	1984-04-07	Ridenour			
21	4449713	1984-05-22	Ishido, et al.			
22	4468309	1984-08-28	White			
23	4530231	1985-07-23	Main			
24	4541655	1985-09-17	Hunter			
25	4550782	1985-11-05	Lawson			
26	4595063	1986-06-17	Jennings, et al.			
27	4649492	1987-03-10	Sinha, et al.			
28	4754781	1988-07-05	Putter			
29	4758025	1988-07-19	Frick			
30	4778088	1988-10-18	Miller			
31	4779445	1988-10-25	Rabe			
32	4836579	1989-06-06	Wester, et al.			
33	4854338	1989-08-08	Grantham			
34	4904136	1990-02-27	Matsumoto			
35	4915177	1990-04-10	Claycomb			
36	4917409	1990-04-17	Reeves			
37	4919989	1990-04-24	Colangelo			
38	4930573	1990-06-05	Lane, et al.			
39	4995464	1991-02-26	Watkins, et al.			
40	5031370	1991-07-16	Jewett			
41	5064004	1991-11-12	Lundel			
42	5195583	1993-03-23	Toon, et al.			
43	5327964	1994-07-12	ODonnell, et al.			
44	5554244	1996-09-10	Ruggles, et al.			
45	5566772	1996-10-22	Coone, et al.			
46	5738146	1998-04-14	Abe			
47	6390720	2002-05-21	LeBegue, et al.			
48	6419025	2002-06-16	Lohbeck, et al.			
49	6516887	2003-02-11	Nguyen, et al.			
50	6543545	2003-04-08	Chatterji, et al.			

Signature


Examiner Name	Date
<i>[Signature]</i>	28 DEC 05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>TWO STEP RADIAL EXPANSION</b>
-------------------------------	----------------------------------

Application Number :	10/030593	
Confirmation Number:	2137	
First Named Applicant:	Robert Cook	
Attorney Docket Number:	25791.25.08	
Art Unit:	3672	
Examiner:	Kenneth Thompson	
Search string:	( 6543552 or 6591905 or 6622797 or 6698517 or 6701598 or 6702030 or 6712401 or 6719064 or 6722443 or 6722437 or 6732806 or 6820690 or 6832649 or 6834725 or 6843322 or 6857473 or 6892819 or 6902000 or 6902652 or 20020020531 or 20030042022 or 20040060706 or 20040221996 or 20040231839 or 20040262014 or 20050011641 or 20050015963 or 20050028988 or 20050039910 or 20050039928 or 20050045324 or 20050045341 or 20050056433 or 20050056434 or 20050077051 or 20050081358 or 20050087337 or 20050098323 or 20050103502 or 20050123639 or 20050133225 or 20050138790 or 20050144771 or 20050144772 or 20050144777 or 20050150098 or 20050150660 or 20050161228 ).pn	

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

Init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	6543552	2003-04-08	Metcalfe, et al.			
<input checked="" type="checkbox"/>	2	6591905	2003-07-15	Coon			
<input checked="" type="checkbox"/>	3	6622797	2003-09-23	Sivley			
<input checked="" type="checkbox"/>	4	6698517	2004-03-02	Simpson			
<input checked="" type="checkbox"/>	5	6701598	2004-03-09	Chen, et al.			
<input checked="" type="checkbox"/>	6	6702030	2004-03-09	Simpson			
<input checked="" type="checkbox"/>	7	6712401	2004-03-30	Coulon, et al.			
<input checked="" type="checkbox"/>	8	6719064	2004-04-13	PriceSmith, et al.			
<input checked="" type="checkbox"/>	9	6722443	2004-04-20	Metcalfe			
<input checked="" type="checkbox"/>	10	6722437	2004-04-20	Vercaemer, et al.			
<input checked="" type="checkbox"/>	11	6732806	2004-05-11	Mauldin, et al.			
<input checked="" type="checkbox"/>	12	6820690	2004-11-23	Vercaemer, et al.			
<input checked="" type="checkbox"/>	13	6832649	2004-12-21	Bode, et al.			
<input checked="" type="checkbox"/>	14	6834725	2004-12-28	Whanger, et al.			
<input checked="" type="checkbox"/>	15	6843322	2005-01-18	Burtner, et al.			
<input checked="" type="checkbox"/>	16	6857473	2005-02-22	Cook, et al.			

17	6892819	2005-05-17	Cook, et al.	—	—	—
18	6902000	2005-06-07	Simpson, et al.	—	—	—
19	6902652	2005-06-21	Heijnen	—	—	—

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	20020020531	2002-02-21	Ohmer				
2	20030042022	2003-03-06	Lauritzen, et al.				
3	20040060706	2004-04-01	Stephenson				
4	20040221996	2004-11-11	Burge				
5	20040231839	2004-11-25	Ellington, et al.				
6	20040262014	2004-12-30	Cook, et al.				
7	20050011641	2005-01-20	Cook, et al.				
8	20050015963	2005-01-27	Costa, et al.				
9	20050028988	2005-02-10	Cook, et al.				
10	20050039910	2005-02-24	Lohbeck				
11	20050039928	2005-02-24	Cook, et al.				
12	20050045324	2005-03-03	Cook, et al.				
13	20050045341	2005-03-03	Cook, et al.				
14	20050056433	2005-03-17	Watson, et al.				
15	20050056434	2005-03-17	Ring, et al.				
16	20050077051	2005-04-14	Cook, et al.				
17	20050081358	2005-04-21	Cook, et al.				
18	20050087337	2005-04-28	Brisco, et al.				
19	20050098323	2005-05-12	Cook, et al.				
20	20050103502	2005-05-19	Watson, et al.				
21	20050123639	2005-06-09	Ring, et al.				
22	20050133225	2005-06-23	Oosterling				
23	20050138790	2005-06-30	Cook, et al.				
24	20050144771	2005-07-07	Cook, et al.				
25	20050144772	2005-07-07	Cook, et al.				
26	20050144777	2005-07-07	Cook, et al.				
27	20050150098	2005-07-14	Cook, et al.				
28	20050150660	2005-07-14	Cook, et al.				
29	20050161228	2005-07-28	Cook, et al.				

Signature

Examiner Name	Date
<i>[Signature]</i>	26 DEC 05

In place of U. S. DEPARTMENT OF COMMERCE  
PTO Form 1449 Patent and TRADEMARK OFFICE

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Application Number 10/030,593  
Filing Date 10/29/2002  
Applicant(s) Cook et al.  
Art Unit 3672  
Examiner Name Kenneth Thompson  
Attorney Docket Number 25791.25.08

SHEET 1 OF 1

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N
	B1	788,150	12-23-1957	Great Britain	No
	B2	2,374,622A	10-23-2002	Great Britain	No
	B3	2,374,622B	12-10-2003	Great Britain	No
	B4	2,381,019B	12-29-2004	Great Britain	No
	B5	2,382,368B	12-15-2004	Great Britain	No
	B6	2,382,828A	06-11-2003	Great Britain	No
	B7	2,388,134B	03-30-2005	Great Britain	No
	B8	2,389,597B	05-18-2005	Great Britain	No
	B9	2,394,979A	05-12-2004	Great Britain	No
	B10	2,395,506A	05-26-2004	Great Britain	No
	B11	2,398,835A	06-30-2004	Great Britain	No
	B12	2,398,641B	09-22-2004	Great Britain	No
	B13	2,398,320B	03-23-2005	Great Britain	No
	B14	2,398,323B	03-23-2005	Great Britain	No
	B15	2,399,119B	05-11-2005	Great Britain	No
	B16	2,399,120B	03-22-2005	Great Britain	No
	B17	2,399,579B	08-29-2005	Great Britain	No
	B18	2,399,580B	05-25-2005	Great Britain	No
	B19	2,399,848B	03-23-2005	Great Britain	No
	B20	2,399,849B	03-30-2005	Great Britain	No
	B21	2,400,126A	10-06-2004	Great Britain	No
	B22	2,400,624B	02-09-2005	Great Britain	No
	B23	2,401,630B	05-18-2005	Great Britain	No
	B24	2,401,631B	05-18-2005	Great Britain	No
	B25	2,401,632B	05-18-2005	Great Britain	No
	B26	2,401,633B	05-18-2005	Great Britain	No
	B27	2,401,634B	05-18-2005	Great Britain	No
	B28	2,401,635B	05-18-2005	Great Britain	No
	B29	2,401,636B	05-18-2005	Great Britain	No
	B30	2,401,637B	05-18-2005	Great Britain	No
	B31	2,401,638B	05-18-2005	Great Britain	No
	B32	2,401,639B	05-18-2005	Great Britain	No
	B33	2,401,893B	07-13-2005	Great Britain	No
	B34	2,403,970A	01-19-2005	Great Britain	No
	B35	2,403,971A	01-19-2005	Great Britain	No
	B36	2,403,972A	01-19-2005	Great Britain	No
	B37	2,404,676A	02-09-2005	Great Britain	No
	B38	2,405,893A	03-16-2005	Great Britain	No
	B39	2,406,117A	03-23-2005	Great Britain	No
	B40	2,406,118A	03-23-2005	Great Britain	No
	B41	2,408,119A	03-23-2005	Great Britain	No
	B42	2,406,120A	03-23-2005	Great Britain	No

Examiner Signature *[Signature]* Date Considered 26 Dec 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

In place of  
PTO-1449 Form

U. S. DEPARTMENT OF  
COMMERCE  
PATENT AND TRADEMARK  
OFFICE

Complete If Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number: 10/030,593  
Filing Date: 10/29/2002  
Applicant(s): Cook et al.  
Art Unit: 3672  
Examiner Name: Kenneth Thompson  
Attorney Docket Number: 25791.25.08

1 OF 1  
PAGE 1 OF 1

OCT 08 2005

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date (MM-DD-YYYY)	Patentee or Applicant of Cited Document	Translation (Y/N)
B1	2, 406,120A		03-23-2005	Great Britain	No
B2	2,406,125A		03-23-2005	Great Britain	No
B3	2,406,126A		03-23-2005	Great Britain	No
B4	2,408,277A		05-25-2008	Great Britain	No
B5	2,408,278A		05-25-2005	Great Britain	No
B6	2,409,216 A		06-22-2005	Great Britain	No
B7	2,409,218 A		06-22-2005	Great Britain	No
B8	1,141,515A			EPO	No
B9	1,235,972 A			EPO	No
B10	1,325,596		06-22-1992	France	No
B11	2,234,386		03-18-2003	Canada	No
B12	2,292,171		06-07-2000	Canada	No
B13	2,298,139		08-11-2000	Canada	No
B14	776580		01-20-2005	Australia	No
B15	WO00/37768		06-29-2000	PCT-GB	No
B16	WO01/04520 A1		01-18-2001	PCT-US	No
B17	WO01/21929A1		03-29-2001	PCT-NL	No
B18	WO01/38693 A1		05-31-2001	PCT-EP	No
B19	WO02/01102 A1		01-03-2002	PCT-FR	No
B20	WO 02/20941 A1		03-14-2002	PCT-NO	No
B21	WO02/40825 A1		05-23-2002	PCT-GB	No
B22	WO02/059456A1		08-01-2002	PCT-GB	No
B23	WO03/008756A1		01-30-2003	PCT-EP	No
B24	WO04/023014 A3		03-18-2004	PCT-US	No
B25	WO04/023014 A3 Corrected		03-18-2004	PCT-US	No
B26	WO04/026500 A3		04-01-2004	PCT-US	No
B27	WO04/053434 A3		06-24-2004	PCT-US	No
B28	WO04/057715 A2		07-08-2004	PCT-NO	No
B29	WO04/057715 A3		07-08-2004	PCT-NO	No
B30	WO04/067961 A3		08-12-2004	PCT-US	No
B31	WO04/072436 A1		08-26-2004	PCT-US	No
B32	WO04/074622 A3		09-02-2004	PCT-US	No
B33	WO04/076798 A3		09-10-2004	PCT-US	No
B34	WO04/083591 A3		09-30-2004	PCT-US	No
B35	WO04/083592 A3		09-30-2004	PCT-US	No
B36	WO04/083594 A3		09-30-2004	PCT-US	No
B37	WO04/092530 A3		10-28-2004	PCT-US	No
B38	WO05/017303 A2		02-24-2005	PCT-US	No
B39	WO05/017303 A2 Corrected		02-24-2005	PCT-US	No
B40	WO05/021921 A2		03-10-2005	PCT-US	No
B41	WO05/021922 A2		03-10-2005	PCT-US	No
B42	WO05/021922 A3		03-10-2005	PCT-US	No
B43	WO05/024170 A2		03-17-2005	PCT-US	No
B44	WO05/024171 A2		03-17-2005	PCT-US	No

Examiner Signature

Date Considered 26 DEC 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Customer No. 000027683

U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

In place of PTO Form 449

**Complete if Known**

Application Number	10/030,593
Filing Date	10/29/2002
Applicant(s)	Cook et al.
Attorney/Agent	3672
Examiner/Name	Kenneth Thompson
Attorney Docket Number	25791.25.08

SHEET 1 OF 4

## FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document	Publication Date	Patentee or Applicant of Cited Document	Translation
	B1	WO05/028803 A2	03-31-2005	PCT-US	No
	B2	WO05/028803 A2 Corrected	03-31-2005	PCT-US	No

## OTHER PRIOR ART

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume, issue number(s), publisher, city/country where published
	C1	Letter From Baker Oil Tools to William Norvell in Regards to Enventure's Claims of Baker Infringement Of Enventure's Expandable Patents April 1, 2005
	C2	Offshore, "Agbada Well Solid Tubulars Expanded Bottom Up, Screens Expanded Top Down" William Furlow, January 2002. (copy not available)
	C3	Drilling Contractor, "Solid Expandable Tubulars are Enabling Technology" March/April 2001. (copy not available)
	C4	Hart's E & P, "SET Technology: Setting the Standard" March 2002.
	C5	Hart's E & P, "An Expanded Horizon" Jim Brock, Lev Ring, Scott Costa, Andrei Filippov. February 2000
	C6	Hart's E & P, "Technology Strategy Breeds Value" Ali Danashy. May 2004
	C7	Hart's E & P, "Solid Expandable Tubulars Slimwell: Stepping Stone to MonoDiameter" June 2003.
	C8	Innovators Chart the Course, Shell Exploration & Production
	C9	"Case Study: Value In Drilling Derived From Application-Specific Technology" Langley, Diane., October 2004.
	C10	L'Usine Nouvelle, "Les Tubes Expansibles Changent La Face Du Forage Petroller" Demoulin, Laurence, No. 2878. pp 50-52, 3 Juillet 2003.
	C11	Offshore, "Monodiameter Technology Keeps Hole Diameter to TD", Hull, Jennifer., October 2002.
	C12	News Release, "Shell and Halliburton Agree to Form Company to Develop and Market Expandable Casing Technology", 1998.
	C13	Offshore, "Expandable Tubulars Enable Multilaterals Without Compromise on Hole Size," DeMong, Karl, et al., June 2003.
	C14	Offshore Engineer, "From Exotic to Routine- the offshore quick-step" April 2004, pp 77-83
	C15	Offshore, "Expandable Solid Casing Reduces Telescope Effect," Furlow, William, August 1998, pp. 102 & 140.
	C16	Offshore, "Casing Expansion, Test Process Fine Tuned on Ultra-deepwater Well," Furlow, William, December 2000.
	C17	Offshore Engineer, "Oilfield Service Trio Target Jules Verne Territory," Von Flater, Rick., August 2001
	C18	Offshore, "Expandable Casing Program Helps Operator Hit TD With Larger Tubulars" Furlow, William, January 2000.
	C19	Offshore, "Same Internal Casing Diameter From Surface to TD", Cook, Lance., July 2002.
	C20	Oil and Gas Investor, "Straightening the Drilling Curve," Williams, Peggy. January 2003.
	C21	Petroleum Engineer International, "Expandable Casing Accesses Remote Reservoirs" April 1999.
	C22	New Technology Magazine, "Pipe Dream Reality," Smith, Maurice, December 2003.
	C23	Roustabout, "First ever SET Workshop Held in Aberdeen," October 2004
	C24	Roustabout, "Enventure Ready to Rejuvenate the North Sea" September 2004
	C25	EP Journal of Technology, "Solid Expandable Tubulars (SET) Provide Value to Operators Worldwide in a Variety of Applications," Fonlova, Rick, April 2005
	C26	The American Oil & Gas Reporter, "Advances Grow Expandable Applications," Bullock, Michael D., September 2004.
	C27	Upstream, "Expandable Tubulars Close in on the Holy Grail of Drilling", Cottrill, Adrian, July 26, 2002.
	C28	Oil and Gas, "Shell Drills World's First Monodiameter Well in South Texas" Sumrow, Mike., October 21, 2002.
	C29	World Oil, "Expandables and the Dream of the Monodiameter Well: A Status Report", Fischer, Perry, July 2004.
	C30	World Oil, "Well Remediation Using Expandable Cased-Hole Liners", Merritt, Randy et al., July 2002.
	C31	World Oil, "How in Situ Expansion Affects Casing and Tubing Properties", Mack, R.D., et al., July 1999. pgs 69-71.
	C32	Enventure Global Technology "Expandable Tubular Technology - Drill Deeper, Farther, More Economically" Mark Rivenbark.
	C33	Society of Petroleum Engineers, "Addressing Common Drilling Challenges Using Solid Expandable Tubular Technology" Perez-Roca, Eduardo, et al., 2003.

634	Society of Petroleum Engineers, "Monodiameter Drilling Liner - From Concept to Reality" Dean, Bill, et al. 2003.
C35	Offshore Technology Conference, "Expandable Liner Hangers: Case Histories" Moore, Melvin, J., et al., 2002.
C36	Offshore Technology Conference, "Deepwater Expandable Openhole Liner Case Histories: Learnings Through Field Applications" Grant, Thomas P., et al., 2002.
C37	Offshore Technology Conference, "Realization of the MonoDiameter Well: Evolution of a Game-Changing Technology" Dupal, Kenneth, et al., 2002.
C38	Offshore Technology Conference, "Water Production Reduced Using Solid Expandable Tubular Technology to 'Clad' in Fractured Carbonate Formation" van Noort, Roger, et al., 2003.
C39	Offshore Technology Conference, "Overcoming Well Control Challenges with Solid Expandable Tubular Technology" Patin, Michael, et al., 2003.
C40	Offshore Technology Conference, "Expandable Cased-hole Liner Remediates Prolific Gas Well and Minimizes Loss of Production" Buckler Bill, et al., 2002.
C41	Offshore Technology Conference, "Development and Field Testing of Solid Expandable Corrosion Resistant Cased-hole Liners to Boost Gas Production in Corrosive Environments" Siemers Gertjan, et al., 2003.
C42	"Practices for Providing Zonal Isolation in Conjunction with Expandable Casing Jobs-Case Histories" Sanders, T, et al. 2003.
C43	Society of Petroleum Engineers, "Increasing Solid Expandable Tubular Technology Reliability in a Myriad of Downhole Environments", Escobar, C. et al., 2003.
C44	Society of Petroleum Engineers, "Water Production Management - PDO's Successful Application of Expandable Technology", Braas, JCM., et al., 2002.
C45	Society of Petroleum Engineers, "Expandable Tubular Solutions", Filippov, Andrei, et al., 1999.
C46	Society of Petroleum Engineers, "Expandable Liner Hanger Provides Cost-Effective Alternative Solution" Lohoefer, C. Lee, et al., 2000.
C47	Society of Petroleum Engineers, "Solid Expandable Tubular Technology - A Year of Case Histories in the Drilling Environment" Dupal, Kenneth, et al., 2001.
C48	"In-Situ Expansion of Casing and Tubing" Mack, Robert et al.
C49	Society of Petroleum Engineers, "Expandable Tubulars: Field Examples of Application in Well Construction and Remediation" Diagle, Chan, et al., 2000.
C50	AADE Houston Chapter, "Subsidence Remediation - Extending Well Life Through the Use of Solid Expandable Casing Systems" Shepherd, David, et al., March 2001 Conference.
C51	Society of Petroleum Engineers, "Planning the Well Construction Process for the Use of Solid Expandable Casing" DeMong, Karl, et al., 2003.
C52	Enventure Global Technology, "The Development and Applications of Solid Expandable Tubular Technology" Cales, GL., 2003.
C53	Society of Petroleum Engineers, "Installation of Solid Expandable Tubular Systems Through Milled Casing Windows" Waddell, Kevin, et al., 2004.
C54	Society of Petroleum Engineers, "Solid Expandable Tubular Technology in Mature Basins" Blasingame, Kate, et al., 2003.
C55	"Casing Design in Complex Wells: The Use of Expandables and Multilateral Technology to Attack the size Reduction Issue" DeMong, Karl., et al.
C56	"Well Remediation Using Expandable Cased-Hole Liners- Summary of Case Histories" Merritt, Randy, et al.
C57	Offshore Technology Conference, "Transforming Conventional Wells to Bigbore Completions Using Solid Expandable Tubular Technology" Mohd Nor, Norliza, et al., 2002.
C58	Society of Petroleum Engineers, "Using Solid Expandable Tubulars for Openhole Water Shutoff" van Noort, Roger, et al., 2002.
C59	Society of Petroleum Engineers, "Case Histories- Drilling and Recompletion Applications Using Solid Expandable Tubular Technology" Campo, Don, et al., 2002.
C60	Society of Petroleum Engineers, "Reaching Deep Reservoir Targets Using Solid Expandable Tubulars" Gusevik Rune, et al., 2002.
C61	Society of Petroleum Engineers, "Breakthroughs Using Solid Expandable Tubulars to Construct Extended Reach Wells" Demong, Karl, et al., 2004.
C62	Deep Offshore Technology Conference "Meeting Economic Challenges of Deepwater Drilling with Expandable-Tubular Technology" Haut, Richard, et al., 1999.
C63	Offshore Technology Conference, "Field Trial Proves Upgrades to Solid Expandable Tubulars" Moore, Melvin, et al., 2002.
C64	"Well Design with Expandable Tubulars Reduces Cost and Increases Success in Deepwater Applications" Dupal, Ken, et al., Deep Shore Technology 2000.
C65	Offshore Technology Conference, "Reducing Non-Productive Time Through the Use of Solid Expandable Tubulars: How to Beat the Curve Through Pre-Planning" Cales, Gerry, et al., 2004.
C66	Offshore Technology Conference, "Three Diverse Applications on Three Continents for a Single Major Operator" Sanders, Tom, et al., 2004.
C67	Offshore Technology Conference, "Expanding Oil Field Tubulars Through a Window Demonstrates Value and Provides New Well Construction Option" Sparling, Steven, et al., 2004.
C68	Society of Petroleum Engineers, "Advances in Single-diameter Well Technology: The Next Step to Cost-Effective Optimization" Waddell, Kevin, et al., 2004.
C69	Society of Petroleum Engineers, "New Technologies Combine to Reduce Drilling Cost in Ultradeepwater Applications" Touboul, Nicolas, et al., 2004.
C70	Society of Petroleum Engineers, "Solid Expandable Tubular Technology: The Value of Planned Installation vs. Contingency" Rivenbark, Mark, et al., 2004.
C71	Society of Petroleum Engineers, "Changing Safety Paradigms in the Oil and Gas Industry" Ratliff, Matt, et al., 2004.
C72	"Casing Remediation- Extending Well Life Through The Use of Solid Expandable Casing Systems" Merritt, Randy, et al.



C73	Society of Petroleum Engineers, "Window Exit Sidetrack Enhancements Through the Use of Solid Expandable Casing", Rivenbark, Mark, et al., 2004.
C74	"Solid Expandable Tubular Technology: The Value of Planned Installations vs. Contingency", Carstens, Chris, et al.
C75	Data Sheet, "Entventure Cased-Hole Liner (CHL) System" Entventure Global Technology, 12/02
C76	Case History, "Graham Ranch No. 1 Newark East Barnett Field" Entventure Global Technology, 02/02
C77	Case History, "K.K. Camel No.1 Ridge Field Lafayette Parish, Louisiana" Entventure Global Technology, 02/02
C78	Case History, "Eemskanaal -2 Groningen" Entventure Global Technology, 02/02
C79	Case History, "Yibal 381 Oman" Entventure Global Technology, 02/02
C80	Case History, "Mississippi Canyon 809 URSA TLP, OSC-G 5868, No. A-12" Entventure Global Technology, 03/04
C81	Case History, "Unocal Sequoia Mississippi Canyon 841 Well No. 2" Entventure Global Technology, 2005
C82	"SET Technology: The Facts" Entventure Global Technology, 2004
C83	Data Sheet, "Entventure Openhole Liner (OHL) System" Entventure Global Technology, 12/02
C84	Data Sheet, "Window Exit Applications OHL Window Exit Expansion" Entventure Global Technology, 06/03
C85	"Expand Your Opportunities." Entventure. CD-ROM. June 1999.
C86	"Expand Your Opportunities." Entventure. CD-ROM. May 2001.
C87	International Examination Report, Application PCT/US02/25608; June 1, 2005 (Atty Docket No. 25791.58.02)
C88	International Examination Report, Application PCT/US02/39418, Feb. 18, 2005 (Atty Docket No. 25791.91.02)
C89	International Examination Report, Application PCT/US03/06544, May 10, 2005 (Atty Docket No. 25791.93.02)
C90	Examination Report, Application PCT/US03/10144; July 7, 2004 (Atty Docket No. 25791.101.02)
C91	International Examination Report, Application PCT/US03/11765; Jan. 25, 2005 (Atty Docket No. 25791.89.02)
C92	International Examination Report, Application PCT/US03/11765; July 18, 2005 (Atty Docket No. 25791.89.02)
C93	International Examination Report, Application PCT/US03/13787; April 7, 2005 (Atty Docket No. 25791.107.02)
C94	International Examination Report, Application PCT/US03/13787; March 2, 2005 (Atty Docket No. 25791.107.02)
C95	International Examination Report, Application PCT/US03/14153; May 12, 2005 (Atty Docket No. 25791.104.02)
C96	International Examination Report, Application PCT/US03/15020, May. 9, 2005 (Atty Docket No. 25791.90.02)
C97	International Examination Report, Application PCT/US03/25667, May 25, 2005 (Atty Docket No. 25791.118.02)
C98	International Search Report, Application PCT/US03/25716; Jan 13, 2005 (Atty Docket No. 25791.129.02)
C99	International Examination Report, Application PCT/US03/29858; May 23, 2005 (Atty Docket No. 25791.112.02)
C100	International Search Report, Application PCT/US03/38550; May 23, 2005 (Atty Docket No. 25791.157.02)
C101	International Preliminary Report on Patentability, Application PCT/US04/02122; May 13, 2005 (Atty Docket No. 25791.225.02)
C102	International Preliminary Report on Patentability, Application PCT/US04/04740; April 27, 2005 (Atty Docket No. 25791.185.02)
C103	International Preliminary Report on Patentability, Application PCT/US04/06246; May 5, 2005 (Atty Docket No. 25791.238.02)
C104	International Preliminary Report on Patentability, Application PCT/US04/08030; April 7, 2005 (Atty Docket No. 25791.241.02)
C105	International Preliminary Report on Patentability, Application PCT/US04/08030; June 10, 2005 (Atty Docket No. 25791.241.02)
C106	International Preliminary Report on Patentability, Application PCT/US04/08073; May 9, 2005 (Atty Docket No. 25791.262.02)
C107	International Preliminary Report on Patentability, Application PCT/US04/11177; June 9, 2005 (Atty Docket No. 25791.193.02)
C108	Examination Report to Application No. AU 2001278196, April 21, 2005 (Atty Docket No. 25791.45.03)
C109	Examination Report to Application No. AU 2002237757, April 28, 2005 (Atty Docket No. 25791.52.03)
C110	Examination Report to Application No. AU 2002240386, April 13, 2005 (Atty Docket No. 25791.50.03)
C111	Search Report to Application No. EP 02806451.7; February 9, 2005 (Atty Docket No. 25791.92.04)
C112	Examination Report to Application No. GB 0225505.7 February 15, 2005 (Atty Docket No. 25791.70.05)
C113	Examination Report to Application No. GB 0400019.6; May 19, 2005 (Atty Docket No. 25791.44.04)
C114	Examination Report to Application No. GB 0403891.5, February 14, 2005 (Atty Docket No. 25791.70.09)
C115	Examination Report to Application No. GB 0403891.5, June 30 2005 (Atty. Docket No. 25791.70.09)
C116	Examination Report to Application No. GB 0403893.1, February 14, 2005 (Atty Docket No. 25791.70.08)
C117	Examination Report to Application No. GB 0403894.9, February 15, 2005 (Atty Docket No. 25791.70.10)
C118	Examination Report to Application No. GB 0403920.2, February 15, 2005 (Atty Docket No. 25791.70.11)
C119	Examination Report to Application No. GB 0403921.0, February 15, 2005 (Atty Docket No. 25791.70.12)
C120	Examination Report to Application No. GB 0404798.5; April 14, 2005 (Atty Docket No. 25791.59.04)
C121	Examination Report to Application No. GB 0406257.6, Jan. 25, 2005 (Atty Docket No. 25791.)
C122	Examination Report to Application No. GB 0406257.6 June 16, 2005 (Atty. Docket No. 25791.67.05)
C123	Examination Report to Application No. GB 0406258.4; Jan. 12, 2005 (Atty Docket No. 25791.58.04)
C124	Examination Report to Application No. GB 0408672.4, March 21, 2005 (Atty Docket No. 25791.60.04)
C125	Examination Report to Application No. GB 0411698.4, Jan. 24, 2005 (Atty Docket No. 25791.47.08)
C126	Examination Report to Application No. GB 0411892.3, February 21, 2005 (Atty Docket No. 25791. 51.07)
C127	Examination Report to Application No. GB 0412533.2, May 20, 2005 (Atty Docket No. 25791.87.04)

C128	Search Report to Application No. GB 0415835.8; March 10, 2005 (Atty Docket No. 25791.292.03)
C129	Examination Report to Application No. 0416625.2 Jan. 20, 2005 (Atty Docket No. 25791.68.04)
C130	Search and Examination Report to Application No. GB 0425948.7 April 13, 2005 (Atty Docket No. 25791.59.06)
C131	Search and Examination Report to Application No. GB 0425951.1 April 14, 2005 (Atty Docket No. 25791.59.07)
C132	Search and Examination Report to Application No. GB 0425956.0 April 14, 2005 (Atty Docket No. 25791.59.08)
C133	Search and Examination Report to Application No. GB 0426155.8 January 12, 2005 (Atty Docket No. 25791.58.08)
C134	Search and Examination Report to Application No. GB 0426156.6 January 12, 2005 (Atty Docket No. 25791.58.09)
C135	Search and Examination Report to Application No. GB 0426157.4 January 12, 2005 (Atty Docket No. 25791.58.08)
C136	Examination Report to Application No. GB 0428141.6 February 9, 2005 (Atty Docket No. 25791.89.04)
C137	Examination Report to Application No. GB 0500184.7 February 9, 2005 (Atty Docket No. 25791.107.04)
C138	Search and Examination Report to Application No. GB 0500600.2 February 15, 2005 (Atty Docket No. 25791.)
C139	Examination Report to Application No. GB 0501867.0 May 27, 2005 (Atty Docket No. 25791.90.04)
C140	Search and Examination Report to Application No. GB 0503470.7 March 21, 2005 (Atty Docket No. 25791.60.06)
C141	Search and Examination Report to Application No. GB 0506697.2 May 20, 2005 (Atty Docket No. 25791.87.06)
C142	Search and Examination Report to Application No. GB 0507979.3 June 16, 2005 (Atty. Docket No. 25791.121.04)
C143	Written Opinion to Application No. PCT/US02/39425; April 11, 2005 (Atty Docket No. 25791.68.02)
C144	Written Opinion to Application No. PCT/US03/06544; February 18, 2005 (Atty Docket No. 25791.93.02)
C145	Written Opinion to Application No. PCT/US03/25675 May 9, 2005 (Atty Docket No. 25791.121.02)
C146	Written Opinion to Application No. PCT/US04/08171 May 5, 2005 (Atty Docket No. 25791.236.02)
C147	Combined Search Report and Written Opinion to Application No. PCT/US04/00631; March 28, 2005 (Atty Docket No. 25791.31.02)
C148	Combined Search Report and Written Opinion to Application No. PCT/US04/02122 Feb 24, 2005 (Atty Docket No. 25791.225.02)
C149	Combined Search Report and Written Opinion to Application No. PCT/US04/04740 Jan 19, 2005 (Atty Docket No. 25791.185.02)
C150	Combined Search Report and Written Opinion to Application No. PCT/US04/06246 Jan. 26, 2005 (Atty Docket No. 25791.238.02)
C151	Combined Search Report and Written Opinion to Application No. PCT/US04/08030 Jan 6, 2005 (Atty Docket No. 25791.241.02)
C152	Combined Search Report and Written Opinion to Application No. PCT/US04/08073 March 4, 2005 (Atty Docket No. 25791.262.02)
C153	Combined Search Report and Written Opinion to Application No. PCT/US04/08170 Jan 13, 2005 (Atty Docket No. 25791.40.02)
C154	Combined Search Report and Written Opinion to Application No. PCT/US04/08171 Feb. 16, 2005 (Atty Docket No. 25791.236.02)
C155	Combined Search Report and Written Opinion to Application No. PCT/US04/11172 Feb. 14, 2005 (Atty Docket No. 25791.193.02)
C156	Combined Search Report and Written Opinion to Application No. PCT/US04/28438 March 14, 2005 (Atty Docket No. 25791.137.02)

Examiner Signature	<i>[Signature]</i>	Date Considered	26 DEC 05
--------------------	--------------------	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**Notice of References Cited**

Application/Control No.

10/030,593

Applicant(s)/Patent Under  
Reexamination  
COOK ET AL.

Examiner

Kenneth Thompson

Art Unit

3672

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-4,779,445	10-1988	Rabe, George B.	72/393
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(g).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

KNOX

TC 3600

Organization Bldg./Room

U. S. DEPARTMENT OF COMMERCE

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

IF UNDELIVERABLE RETURN IN TEN DAYS

OFFICIAL BUSINESS

AN EQUAL OPPORTUNITY EMPLOYER



RETURN TO SENDER

UNDELIVERABLE AS ADDRESSED

*[Handwritten signature]*

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☐ **GRAY SCALE DOCUMENTS**

☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/030,593	10/29/2002	Robert Lance Cook	25791.25.08	2137

7590 12/30/2005  
Todd Mattingly  
Haynes & Boone  
Suite 4300  
1000 Louisiana  
Houston, TX 77002

EXAMINER

THOMPSON, KENNETH L

ART UNIT	PAPER NUMBER
----------	--------------

3672

DATE MAILED: 12/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

10/030,593

COOK ET AL.

Examiner

Art Unit

Kenneth Thompson

3672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 14 September 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-28, 61, 64-66, 68-77, 79-84 and 86-131 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-3, 7, 21-25, 28, 61, 64-66, 68-77, 79-84, 86-94, 99-120, 124-129 and 131 is/are allowed.
- 6) ☒ Claim(s) 4-6 is/are rejected.
- 7) ☒ Claim(s) 8-20, 26, 27, 95-98, 121-123 and 130 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/05
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Objections***

Claims 8-20, 26, 27, 95-98, 121-123 and 130 are objected to because of the following informalities:

The recitation "circumferential groove" in claim 8, line 7 lacks antecedent basis. Claims 9-20, 26, 27 and 95-98 depend from claim 8 and are likewise objected to. Claims 121-123 and 130 have a similar recitation are likewise objected to. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 4-6, are rejected under 35 U.S.C. 102(b) as being anticipated by Rabe, U.S. 4,779,4455.

Regarding claims 4-6, Rabe discloses a second tubular member (14) and a first tubular member (15) having an interior diameter substantially equal to the expanded inner diameter of the second tubular.

### ***Allowable Subject Matter***

Claims 1-3, 7, 21-25, 28, 61, 64-66, 68-77, 79-84, 86-94, 99-120, 124-129 and 131 are allowed

Art Unit: 3672

Claims objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not disclose or suggest all the claimed subject matter including relative burst strengths.

The prior art of record does not disclose or suggest all the claimed subject matter including plastically deforming the tubular members.

### ***Response to Arguments***

Applicant's arguments are persuasive. Therefore, the rejections have been withdrawn. However, upon further consideration, a new grounds of rejection is made.

### ***Conclusion***

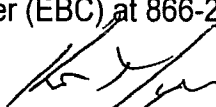
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth Thompson whose telephone number is 571 272-7037. The examiner can normally be reached on 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J. Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3672

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

26 December 2005




Kenneth Thompson  
Primary Examiner  
Art Unit 3672

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	TWO STEP RADIAL EXPANSION						
Application Number :	10/030593						
Confirmation Number:	2137						
First Named Applicant:	Robert Cook						
Attorney Docket Number:	25791.25.08						
Art Unit:	3672						
Examiner:	Kenneth Thompson						
Search string:	( 1756531 or 2145168 or 2383214 or 2546295 or 2627891 or 3068563 or 3210102 or 3343252 or 3427707 or 3528498 or 3667547 or 3709306 or 3942824 or 4125937 or 4226449 or 4257155 or 4355664 or 4401325 or 4422507 or 4442586 or 4449713 or 4468309 or 4530231 or 4541655 or 4550782 or 4595063 or 4649492 or 4754781 or 4758025 or 4778088 or 4779445 or 4836579 or 4854338 or 4904136 or 4915177 or 4917409 or 4919989 or 4930573 or 4995464 or 5031370 or 5064004 or 5195583 or 5327964 or 5554244 or 5566772 or 5738146 or 6390720 or 6419025 or 6516887 or 6543545 ).pn						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	1756531	1930-04-29	Aldeen, et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	2	2145168	1939-01-24	Flagg	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	3	2383214	1945-08-21	Prout	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	4	2546295	1951-03-27	Boice	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	5	2627891	1953-02-10	Clark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	6	3068563	1962-12-18	Reverman	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	7	3210102	1965-10-05	Joslin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	8	3343252	1967-09-26	Reesor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	9	3427707	1969-02-18	Nowosadko	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	10	3528498	1970-09-15	Carothers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	11	3667547	1972-06-06	Ahlistone	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	12	3709306	1973-01-09	Curington	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	13	3942824	1976-03-09	Sable	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	14	4125937	1978-11-21	Brown, et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	15	4226449	1980-10-07	Cole	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	16	4257155	1981-03-24	Hunter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	17	4355664	1982-10-26	Cook, et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	18	4401325	1983-08-30	Tsuchiya, et al.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

19	4422507	1983-12-27	Reimert			
20	4442586	1984-04-07	Ridenour			
21	4449713	1984-05-22	Ishido, et al.			
22	4468309	1984-08-28	White			
23	4530231	1985-07-23	Main			
24	4541655	1985-09-17	Hunter			
25	4550782	1985-11-05	Lawson			
26	4595063	1986-06-17	Jennings, et al.			
27	4649492	1987-03-10	Sinha, et al.			
28	4754781	1988-07-05	Putter			
29	4758025	1988-07-19	Frick			
30	4778088	1988-10-18	Miller			
31	4779445	1988-10-25	Rabe			
32	4836579	1989-06-06	Wester, et al.			
33	4854338	1989-08-08	Grantham			
34	4904136	1990-02-27	Matsumoto			
35	4915177	1990-04-10	Claycomb			
36	4917409	1990-04-17	Reeves			
37	4919989	1990-04-24	Colangelo			
38	4930573	1990-06-05	Lane, et al.			
39	4995464	1991-02-26	Watkins, et al.			
40	5031370	1991-07-16	Jewett			
41	5064004	1991-11-12	Lundel			
42	5195583	1993-03-23	Toon, et al.			
43	5327964	1994-07-12	ODonnell, et al.			
44	5554244	1996-09-10	Ruggles, et al.			
45	5566772	1996-10-22	Coone, et al.			
46	5738146	1998-04-14	Abe			
47	6390720	2002-05-21	LeBegue, et al.			
48	6419025	2002-06-16	Lohbeck, et al.			
49	6516887	2003-02-11	Nguyen, et al.			
50	6543545	2003-04-08	Chatterji, et al.			


Signature

Examiner Name	Date
<i>[Signature]</i>	28 DEC 05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	TWO STEP RADIAL EXPANSION						
Application Number :	10/030593						
Confirmation Number:	2137						
First Named Applicant:	Robert Cook						
Attorney Docket Number:	25791.25.08						
Art Unit:	3672						
Examiner:	Kenneth Thompson						
Search string:	( 6543552 or 6591905 or 6622797 or 6698517 or 6701598 or 6702030 or 6712401 or 6719064 or 6722443 or 6722437 or 6732806 or 6820690 or 6832649 or 6834725 or 6843322 or 6857473 or 6892819 or 6902000 or 6902652 or 20020020531 or 20030042022 or 20040060706 or 20040221996 or 20040231839 or 20040262014 or 20050011641 or 20050015963 or 20050028988 or 20050039910 or 20050039928 or 20050045324 or 20050045341 or 20050056433 or 20050056434 or 20050077051 or 20050081358 or 20050087337 or 20050098323 or 20050103502 or 20050123639 or 20050133225 or 20050138790 or 20050144771 or 20050144772 or 20050144777 or 20050150098 or 20050150660 or 20050161228 ).pn						
<b>US Patent Documents</b>							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
/	1	6543552	2003-04-08	Metcalfe, et al.			
/	2	6591905	2003-07-15	Coon			
/	3	6622797	2003-09-23	Sivley			
/	4	6698517	2004-03-02	Simpson			
/	5	6701598	2004-03-09	Chen, et al.			
/	6	6702030	2004-03-09	Simpson			
/	7	6712401	2004-03-30	Coulon, et al.			
/	8	6719064	2004-04-13	PriceSmith, et al.			
/	9	6722443	2004-04-20	Metcalfe			
/	10	6722437	2004-04-20	Vercaemer, et al.			
/	11	6732806	2004-05-11	Mauldin, et al.			
/	12	6820690	2004-11-23	Vercaemer, et al.			
/	13	6832649	2004-12-21	Bode, et al.			
/	14	6834725	2004-12-28	Whanger, et al.			
/	15	6843322	2005-01-18	Burtner, et al.			
/	16	6857473	2005-02-22	Cook, et al.			

17	6892819	2005-05-17	Cook, et al.	—	—	—
18	6902000	2005-06-07	Simpson, et al.	—	—	—
19	6902652	2005-06-21	Heijnen	—	—	—

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020020531	2002-02-21	Ohmer	—	—	—
	2	20030042022	2003-03-06	Lauritzen, et al.			
	3	20040060706	2004-04-01	Stephenson			
	4	20040221996	2004-11-11	Burge			
	5	20040231839	2004-11-25	Ellington, et al.			
	6	20040262014	2004-12-30	Cook, et al.			
	7	20050011641	2005-01-20	Cook, et al.			
	8	20050015963	2005-01-27	Costa, et al.			
	9	20050028988	2005-02-10	Cook, et al.			
	10	20050039910	2005-02-24	Lohbeck			
	11	20050039928	2005-02-24	Cook, et al.			
	12	20050045324	2005-03-03	Cook, et al.			
	13	20050045341	2005-03-03	Cook, et al.			
	14	20050056433	2005-03-17	Watson, et al.			
	15	20050056434	2005-03-17	Ring, et al.			
	16	20050077051	2005-04-14	Cook, et al.			
	17	20050081358	2005-04-21	Cook, et al.			
	18	20050087337	2005-04-28	Brisco, et al.			
	19	20050098323	2005-05-12	Cook, et al.			
	20	20050103502	2005-05-19	Watson, et al.			
	21	20050123639	2005-06-09	Ring, et al.			
	22	20050133225	2005-06-23	Oosterling			
	23	20050138790	2005-06-30	Cook, et al.			
	24	20050144771	2005-07-07	Cook, et al.			
	25	20050144772	2005-07-07	Cook, et al.			
	26	20050144777	2005-07-07	Cook, et al.			
	27	20050150098	2005-07-14	Cook, et al.			
	28	20050150660	2005-07-14	Cook, et al.			
	29	20050161228	2005-07-28	Cook, et al.	—	—	—

Signature

Examiner Name	Date
<i>[Signature]</i>	26 DEC 05

In place of U. S. DEPARTMENT OF COMMERCE  
PTO Form PATENT AND TRADEMARK OFFICE

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Application Number 10/030,593

Filing Date 10/29/2002

Applicant(s) Cook al.

Art Unit 3672

Examiner Name Kenneth Thompson

SHEET

1

OF

1

Attorney Docket Number 25791.25.08

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N
	B1	788,150	12-23-1957	Great Britain	No
	B2	2,374,622A	10-23-2002	Great Britain	No
	B3	2,374,622B	12-10-2003	Great Britain	No
	B4	2,381,019B	12-29-2004	Great Britain	No
	B5	2,382,368B	12-15-2004	Great Britain	No
	B6	2,382,828A	06-11-2003	Great Britain	No
	B7	2,388,134B	03-30-2005	Great Britain	No
	B8	2,389,597B	05-18-2005	Great Britain	No
	B9	2,394,979A	05-12-2004	Great Britain	No
	B10	2,395,506A	05-26-2004	Great Britain	No
	B11	2,396,635A	06-30-2004	Great Britain	No
	B12	2,396,641B	09-22-2004	Great Britain	No
	B13	2,398,320B	03-23-2005	Great Britain	No
	B14	2,398,323B	03-23-2005	Great Britain	No
	B15	2,399,119B	05-11-2005	Great Britain	No
	B16	2,399,120B	03-22-2005	Great Britain	No
	B17	2,399,579B	06-29-2005	Great Britain	No
	B18	2,399,580B	05-25-2005	Great Britain	No
	B19	2,399,848B	03-23-2005	Great Britain	No
	B20	2,399,849B	03-30-2005	Great Britain	No
	B21	2,400,126A	10-06-2004	Great Britain	No
	B22	2,400,624B	02-09-2005	Great Britain	No
	B23	2,401,630B	05-18-2005	Great Britain	No
	B24	2,401,631B	05-18-2005	Great Britain	No
	B25	2,401,632B	05-18-2005	Great Britain	No
	B26	2,401,633B	05-18-2005	Great Britain	No
	B27	2,401,634B	05-18-2005	Great Britain	No
	B28	2,401,635B	05-18-2005	Great Britain	No
	B29	2,401,636B	05-18-2005	Great Britain	No
	B30	2,401,637B	05-18-2005	Great Britain	No
	B31	2,401,638B	05-18-2005	Great Britain	No
	B32	2,401,639B	05-18-2005	Great Britain	No
	B33	2,401,893B	07-13-2005	Great Britain	No
	B34	2,403,970A	01-19-2005	Great Britain	No
	B35	2,403,971A	01-19-2005	Great Britain	No
	B36	2,403,972A	01-19-2005	Great Britain	No
	B37	2,404,676A	02-09-2005	Great Britain	No
	B38	2,405,893A	03-16-2005	Great Britain	No
	B39	2,406,117A	03-23-2005	Great Britain	No
	B40	2,406,118A	03-23-2005	Great Britain	No
	B41	2,406,119A	03-23-2005	Great Britain	No
	B42	2,406,120A	03-23-2005	Great Britain	No

Examiner  
Signature

Date Considered

26 DEC 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

In place of PTO-1449 Form  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known	
			Application Number	10/030,593
			Filing Date	10/29/2002
			Applicant(s)	Cook et al.
			Art. Unit	3672
			Examiner Name	Kenneth Thompson
1 OF 1		Attorney Docket Number	25791.25.08	

IPE  
 SHEET 1 OF 1  
 OCT 08 2005  
 PATENT & TRADEMARK OFFICE

### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N
	B1	2, 406,120A	03-23-2005	Great Britain	No
	B2	2,406,125A	03-23-2005	Great Britain	No
	B3	2,406,126A	03-23-2005	Great Britain	No
	B4	2,408,277A	05-25-2008	Great Britain	No
	B5	2,408,278A	05-25-2005	Great Britain	No
	B6	2,409,216 A	06-22-2005	Great Britain	No
	B7	2,409,218 A	06-22-2005	Great Britain	No
	B8	1,141,515A		EPO	No
	B9	1,235,972 A		EPO	No
	B10	1,325,596	06-22-1962	France	No
	B11	2,234,386	03-18-2003	Canada	No
	B12	2,292,171	06-07-2000	Canada	No
	B13	2,298,139	08-11-2000	Canada	No
	B14	776580	01-20-2005	Australia	No
	B15	WO00/37768	06-29-2000	PCT-GB	No
	B16	WO01/04520 A1	01-18-2001	PCT-US	No
	B17	WO01/21929A1	03-29-2001	PCT-NL	No
	B18	WO01/38693 A1	05-31-2001	PCT-EP	No
	B19	WO02/01102 A1	01-03-2002	PCT-FR	No
	B20	WO 02/20941 A1	03-14-2002	PCT-NO	No
	B21	WO02/40825 A1	05-23-2002	PCT-GB	No
	B22	WO02/059456A1	08-01-2002	PCT-GB	No
	B23	WO03/008756A1	01-30-2003	PCT-EP	No
	B24	WO04/023014 A3	03-18-2004	PCT-US	No
	B25	WO04/023014 A3 Corrected	03-18-2004	PCT-US	No
	B26	WO04/026500 A3	04-01-2004	PCT-US	No
	B27	WO04/053434 A3	06-24-2004	PCT-US	No
	B28	WO04/057715 A2	07-08-2004	PCT-NO	No
	B29	WO04/057715 A3	07-08-2004	PCT-NO	No
	B30	WO04/067961 A3	08-12-2004	PCT-US	No
	B31	WO04/072436 A1	08-26-2004	PCT-US	No
	B32	WO04/074622 A3	09-02-2004	PCT-US	No
	B33	WO04/076798 A3	09-10-2004	PCT-US	No
	B34	WO04/083591 A3	09-30-2004	PCT-US	No
	B35	WO04/083592 A3	09-30-2004	PCT-US	No
	B36	WO04/083594 A3	09-30-2004	PCT-US	No
	B37	WO04/092530 A3	10-28-2004	PCT-US	No
	B38	WO05/017303 A2	02-24-2005	PCT-US	No
	B39	WO05/017303 A2 Corrected	02-24-2005	PCT-US	No
	B40	WO05/021921 A2	03-10-2005	PCT-US	No
	B41	WO05/021922 A2	03-10-2005	PCT-US	No
	B42	WO05/021922 A3	03-10-2005	PCT-US	No
	B43	WO05/024170 A2	03-17-2005	PCT-US	No
	B44	WO05/024171 A2	03-17-2005	PCT-US	No

Examiner Signature	Date Considered
<i>[Signature]</i>	26 DEC 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

In place of  
PTOS 449 Form U. S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number: 10/030,593  
Filing Date: 10/29/2002  
Applicant(s): Cook al.  
Art. Unit: 3672  
Examiner/Name: Kenneth Thompson  
Attorney/Docket Number: 25791.25.08

SHEET 1 OF 4

## FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date (MM-DD-YYYY)	Patentee or Applicant of Cited Document	Translation
B1	B1	WO05/028803 A2	03-31-2005	PCT-US	No
B2	B2	WO05/028803 A2 Corrected	03-31-2005	PCT-US	No

## OTHER PRIOR ART

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume, issue number(s), publisher, city/country where published
	C1	Letter From Baker Oil Tools to William Norvell in Regards to Enventure's Claims of Baker Infringement Of Enventure's Expandable Patents April 1, 2005
	C2	Offshore, "Agbada Well Solid Tubulars Expanded Bottom Up, Screens Expanded Top Down" William Furlow, January 2002. (copy not available)
	C3	Drilling Contractor, "Solid Expandable Tubulars are Enabling Technology" March/April 2001. (copy not available)
	C4	Hart's E & P, "SET Technology: Setting the Standard" March 2002.
	C5	Hart's E & P, "An Expanded Horizon" Jim Brock, Lev Ring, Scott Costa, Andrei Filippov. February 2000
	C6	Hart's E & P, "Technology Strategy Breeds Value" Ali Daneshy. May 2004
	C7	Hart's E & P, "Solid Expandable Tubulars Slimwell: Stepping Stone to MonoDiameter" June 2003.
	C8	Innovators Chart the Course, Shell Exploration & Production
	C9	"Case Study: Value In Drilling Derived From Application-Specific Technology" Langley, Diane., October 2004.
	C10	L'Usine Nouvelle, "Les Tubes Expansibles Changent La Face Du Forage Petrolier" Demoulin, Laurence, No. 2878. pp 50-52, 3 Juillet 2003.
	C11	Offshore, "Monodiameter Technology Keeps Hole Diameter to TD", Hull, Jennifer., October 2002.
	C12	News Release, "Shell and Halliburton Agree to Form Company to Develop and Market Expandable Casing Technology", 1998.
	C13	Offshore, "Expandable Tubulars Enable Multilaterals Without Compromise on Hole Size," DeMong, Karl, et al., June 2003.
	C14	Offshore Engineer, "From Exotic to Routine- the offshore quick-step" April 2004, pp 77-83
	C15	Offshore, "Expandable Solid Casing Reduces Telescope Effect," Furlow, William, August 1998, pp. 102 & 140.
	C16	Offshore, "Casing Expansion, Test Process Fine Tuned on Ultra-deepwater Well," Furlow, William, December 2000.
	C17	Offshore Engineer, "Oilfield Service Trio Target Jules Verne Territory," Von Flater, Rick., August 2001
	C18	Offshore, "Expandable Casing Program Helps Operator Hit TD With Larger Tubulars" Furlow, William, January 2000.
	C19	Offshore, "Same Internal Casing Diameter From Surface to TD", Cook, Lance., July 2002.
	C20	Oil and Gas Investor, "Straightening the Drilling Curve," Williams, Peggy. January 2003.
	C21	Petroleum Engineer International, "Expandable Casing Accesses Remote Reservoirs" April 1999.
	C22	New Technology Magazine, "Pipe Dream Reality," Smith, Maurice, December 2003.
	C23	Roustabout, "First ever SET Workshop Held in Aberdeen," October 2004
	C24	Roustabout, "Enventure Ready to Rejuvenate the North Sea" September 2004
	C25	EP Journal of Technology, "Solid Expandable Tubulars (SET) Provide Value to Operators Worldwide in a Variety of Applications," Fonlova, Rick, April 2005
	C26	The American Oil & Gas Reporter, "Advances Grow Expandable Applications," Bullock, Michael D., September 2004.
	C27	Upstream, "Expandable Tubulars Close in on the Holy Grail of Drilling", Cottrill, Adrian, July 26, 2002.
	C28	Oil and Gas, "Shell Drills World's First Monodiameter Well in South Texas" Sumrow, Mike., October 21, 2002.
	C29	World Oil, "Expandables and the Dream of the Monodiameter Well: A Status Report", Fischer, Perry, July 2004.
	C30	World Oil, "Well Remediation Using Expandable Cased-Hole Liners", Merritt, Randy et al., July 2002.
	C31	World Oil, "How in Situ Expansion Affects Casing and Tubing Properties", Mack, R.D., et al., July 1999. pgs 69-71.
	C32	Enventure Global Technology "Expandable Tubular Technology - Drill Deeper, Farther, More Economically" Mark Rivenbark.
	C33	Society of Petroleum Engineers, "Addressing Common Drilling Challenges Using Solid Expandable Tubular Technology" Perez-Roca, Eduardo, et al., 2003.

OCT 03 2005  
PATENT & TRADEMARK OFFICE

C34	Society of Petroleum Engineers, "Monodiameter Drilling Liner - From Concept to Reality" Dean, Bill, et al. 2003.
C35	Offshore Technology Conference, "Expandable Liner Hangers: Case Histories" Moore, Melvin, J., et al., 2002.
C36	Offshore Technology Conference, "Deepwater Expandable Openhole Liner Case Histories: Learnings Through Field Applications" Grant, Thomas P., et al., 2002.
C37	Offshore Technology Conference, "Realization of the MonoDiameter Well: Evolution of a Game-Changing Technology" Dupal, Kenneth, et al., 2002.
C38	Offshore Technology Conference, "Water Production Reduced Using Solid Expandable Tubular Technology to "Clad" in Fractured Carbonate Formation" van Noort, Roger, et al., 2003.
C39	Offshore Technology Conference, "Overcoming Well Control Challenges with Solid Expandable Tubular Technology" Patin, Michael, et al., 2003.
C40	Offshore Technology Conference, "Expandable Cased-hole Liner Remediates Prolific Gas Well and Minimizes Loss of Production" Buckler Bill, et al., 2002.
C41	Offshore Technology Conference, "Development and Field Testing of Solid Expandable Corrosion Resistant Cased-hole Liners to Boost Gas Production in Corrosive Environments" Siemers Gertjan, et al., 2003.
C42	"Practices for Providing Zonal Isolation in Conjunction with Expandable Casing Jobs-Case Histories" Sanders, T, et al. 2003.
C43	Society of Petroleum Engineers, "Increasing Solid Expandable Tubular Technology Reliability in a Myriad of Downhole Environments", Escobar, C. et al., 2003.
C44	Society of Petroleum Engineers, "Water Production Management - PDO's Successful Application of Expandable Technology", Braas, JCM., et al., 2002.
C45	Society of Petroleum Engineers, "Expandable Tubular Solutions", Filippov, Andrei, et al., 1999.
C46	Society of Petroleum Engineers, "Expandable Liner Hanger Provides Cost-Effective Alternative Solution" Lohoefer, C. Lee, et al., 2000.
C47	Society of Petroleum Engineers, "Solid Expandable Tubular Technology - A Year of Case Histories in the Drilling Environment" Dupal, Kenneth, et al., 2001.
C48	"In-Situ Expansion of Casing and Tubing" Mack, Robert et al.
C49	Society of Petroleum Engineers, "Expandable Tubulars: Field Examples of Application in Well Construction and Remediation" Diagle, Chan, et al., 2000.
C50	AADE Houston Chapter, "Subsidence Remediation - Extending Well Life Through the Use of Solid Expandable Casing Systems" Shepherd, David, et al., March 2001 Conference.
C51	Society of Petroleum Engineers, "Planning the Well Construction Process for the Use of Solid Expandable Casing" DeMong, Karl, et al., 2003.
C52	Enventure Global Technology, "The Development and Applications of Solid Expandable Tubular Technology" Cales, GL., 2003.
C53	Society of Petroleum Engineers, "Installation of Solid Expandable Tubular Systems Through Milled Casing Windows" Waddell, Kevin, et al., 2004.
C54	Society of Petroleum Engineers, "Solid Expandable Tubular Technology in Mature Basins" Blasingame, Kate, et al., 2003.
C55	"Casing Design in Complex Wells: The Use of Expandables and Multilateral Technology to Attack the size Reduction Issue" DeMong, Karl., et al.
C56	"Well Remediation Using Expandable Cased-Hole Liners- Summary of Case Histories" Merritt, Randy, et al.
C57	Offshore Technology Conference, "Transforming Conventional Wells to Bigbore Completions Using Solid Expandable Tubular Technology" Mohd Nor, Norlizah, et al., 2002.
C58	Society of Petroleum Engineers, "Using Solid Expandable Tubulars for Openhole Water Shutoff" van Noort, Roger, et al., 2002.
C59	Society of Petroleum Engineers, "Case Histories- Drilling and Recompletion Applications Using Solid Expandable Tubular Technology" Campo. Don, et al., 2002.
C60	Society of Petroleum Engineers, "Reaching Deep Reservoir Targets Using Solid Expandable Tubulars" Gusevik Rune, et al., 2002.
C61	Society of Petroleum Engineers, "Breakthroughs Using Solid Expandable Tubulars to Construct Extended Reach Wells" Demong, Karl, et al., 2004.
C62	Deep Offshore Technology Conference "Meeting Economic Challenges of Deepwater Drilling with Expandable-Tubular Technology" Haut, Richard, et al., 1999.
C63	Offshore Technology Conference, "Field Trial Proves Upgrades to Solid Expandable Tubulars" Moore, Melvin, et al., 2002.
C64	"Well Design with Expandable Tubulars Reduces Cost and Increases Success in Deepwater Applications" Dupal, Ken, et al., Deep Shore Technology 2000.
C65	Offshore Technology Conference, "Reducing Non-Productive Time Through the Use of Solid Expandable Tubulars: How to Beat the Curve Through Pre-Planning" Cales, Gerry, et al., 2004.
C66	Offshore Technology Conference, "Three Diverse Applications on Three Continents for a Single Major Operator" Sanders, Tom, et al., 2004.
C67	Offshore Technology Conference, "Expanding Oil Field Tubulars Through a Window Demonstrates Value and Provides New Well Construction Option" Sparling, Steven, et al., 2004.
C68	Society of Petroleum Engineers, "Advances in Single-diameter Well Technology: The Next Step to Cost-Effective Optimization" Waddell, Kevin, et al., 2004.
C69	Society of Petroleum Engineers, "New Technologies Combine to Reduce Drilling Cost in Ultradeepwater Applications" Touboul, Nicolas, et al., 2004.
C70	Society of Petroleum Engineers, "Solid Expandable Tubular Technology: The Value of Planned Installation vs. Contingency" Rivenbark, Mark, et al., 2004.
C71	Society of Petroleum Engineers, "Changing Safety Paradigms in the Oil and Gas Industry" Ratliff, Matt, et al., 2004.
C72	"Casing Remediation- Extending Well Life Through The Use of Solid Expandable Casing Systems" Merritt, Randy, et al.

C73	Society of Petroleum Engineers, "Window Exit Sidetrack Enhancements Through the Use of Solid Expandable Casing", Rivenbark, Mark, et al., 2004.
C74	"Solid Expandable Tubular Technology: The Value of Planned Installations vs. Contingency", Carstens, Chris, et al.
C75	Data Sheet, "Entventure Cased-Hole Liner (CHL) System" Entventure Global Technology, 12/02
C76	Case History, "Graham Ranch No. 1 Newark East Barnett Field" Entventure Global Technology, 02/02
C77	Case History, "K.K. Camel No.1 Ridge Field Lafayette Parish, Louisiana" Entventure Global Technology, 02/02
C78	Case History, "Eemskanaal -2 Groningen" Entventure Global Technology, 02/02
C79	Case History, "Yibal 381 Oman" Entventure Global Technology, 02/02
C80	Case History, "Mississippi Canyon 809 URSA TLP, OSC-G 5868, No. A-12" Entventure Global Technology, 03/04
C81	Case History, "Unocal Sequoia Mississippi Canyon 941 Well No. 2" Entventure Global Technology, 2005
C82	"SET Technology: The Facts" Entventure Global Technology, 2004
C83	Data Sheet, "Entventure Openhole Liner (OHL) System" Entventure Global Technology, 12/02
C84	Data Sheet, "Window Exit Applications OHL Window Exit Expansion" Entventure Global Technology, 06/03
C85	"Expand Your Opportunities." Entventure. CD-ROM. June 1999.
C86	"Expand Your Opportunities." Entventure. CD-ROM. May 2001.
C87	International Examination Report, Application PCT/US02/25608; June 1, 2005 (Atty Docket No. 25791.58.02)
C88	International Examination Report, Application PCT/US02/39418, Feb. 18, 2005 (Atty Docket No. 25791.91.02)
C89	International Examination Report, Application PCT/US03/06544, May 10, 2005 (Atty Docket No. 25791.93.02)
C90	Examination Report, Application PCT/US03/10144; July 7, 2004 (Atty Docket No. 25791.101.02)
C91	International Examination Report, Application PCT/US03/11765; Jan. 25, 2005 (Atty Docket No. 25791.89.02)
C92	International Examination Report, Application PCT/US03/11765; July 18, 2005 (Atty Docket No. 25791.89.02)
C93	International Examination Report, Application PCT/US03/13787; April 7, 2005 (Atty Docket No. 25791.107.02)
C94	International Examination Report, Application PCT/US03/13787; March 2, 2005 (Atty Docket No. 25791.107.02)
C95	International Examination Report, Application PCT/US03/14153; May 12, 2005 (Atty Docket No. 25791.104.02)
C96	International Examination Report, Application PCT/US03/15020, May. 9, 2005 (Atty Docket No. 25791.90.02)
C97	International Examination Report, Application PCT/US03/25667, May 25, 2005 (Atty Docket No. 25791.118.02)
C98	International Search Report, Application PCT/US03/25716; Jan 13, 2005 (Atty Docket No. 25791.129.02)
C99	International Examination Report, Application PCT/US03/29858; May 23, 2005 (Atty Docket No. 25791.112.02)
C100	International Search Report, Application PCT/US03/38550; May 23, 2005 (Atty Docket No. 25791.157.02)
C101	International Preliminary Report on Patentability, Application PCT/US04/02122; May 13, 2005 (Atty Docket No. 25791.225.02)
C102	International Preliminary Report on Patentability, Application PCT/US04/04740; April 27, 2005 (Atty Docket No. 25791.185.02)
C103	International Preliminary Report on Patentability, Application PCT/US04/06246; May 5, 2005 (Atty Docket No. 25791.238.02)
C104	International Preliminary Report on Patentability, Application PCT/US04/08030; April 7, 2005 (Atty Docket No. 25791.241.02)
C105	International Preliminary Report on Patentability, Application PCT/US04/08030; June 10, 2005 (Atty Docket No. 25791.241.02)
C106	International Preliminary Report on Patentability, Application PCT/US04/08073; May 9, 2005 (Atty Docket No. 25791.262.02)
C107	International Preliminary Report on Patentability, Application PCT/US04/11177; June 9, 2005 (Atty Docket No. 25791.193.02)
C108	Examination Report to Application No. AU 2001278196, April 21, 2005 (Atty Docket No. 25791.45.03)
C109	Examination Report to Application No. AU 2002237757, April 28, 2005 (Atty Docket No. 25791.52.03)
C110	Examination Report to Application No. AU 2002240366, April 13, 2005 (Atty Docket No. 25791.50.03)
C111	Search Report to Application No. EP 02806451.7; February 9, 2005 (Atty Docket No. 25791.92.04)
C112	Examination Report to Application No. GB 0225505.7 February 15, 2005 (Atty Docket No. 25791.70.05)
C113	Examination Report to Application No. GB 0400019.6; May 19, 2005 (Atty Docket No. 25791.44.04)
C114	Examination Report to Application No. GB 0403891.5, February 14, 2005 (Atty Docket No. 25791.70.09)
C115	Examination Report to Application No. GB 0403891.5, June 30 2005 (Atty. Docket No. 25791.70.09)
C116	Examination Report to Application No. GB 0403893.1, February 14, 2005 (Atty Docket No. 25791.70.08)
C117	Examination Report to Application No. GB 0403894.9, February 15, 2005 (Atty Docket No. 25791.70.10)
C118	Examination Report to Application No. GB 0403920.2, February 15, 2005 (Atty Docket No. 25791.70.11)
C119	Examination Report to Application No. GB 0403921.0, February 15, 2005 (Atty Docket No. 25791.70.12)
C120	Examination Report to Application No. GB 0404796.5; April 14, 2005 (Atty Docket No. 25791.59.04)
C121	Examination Report to Application No. GB 0406257.6, Jan. 25, 2005 (Atty Docket No. 25791.)
C122	Examination Report to Application No. GB 0406257.6 June 16, 2005 (Atty. Docket No. 25791.67.05)
C123	Examination Report to Application No. GB 0406258.4; Jan. 12, 2005 (Atty Docket No. 25791.58.04)
C124	Examination Report to Application No. GB 0408672.4, March 21, 2005 (Atty Docket No. 25791.60.04)
C125	Examination Report to Application No. GB 0411698.4, Jan. 24, 2005 (Atty Docket No. 25791.47.08)
C126	Examination Report to Application No. GB 0411892.3, February 21, 2005 (Atty Docket No. 25791. 51.07)
C127	Examination Report to Application No. GB 0412533.2, May 20, 2005 (Atty Docket No. 25791.87.04)

OCT 03 2005

PATENT &amp; TRADEMARK OFFICE

C128	Search Report to Application No. GB 0415835.8; March 10, 2005 (Atty Docket No. 25791.292.03)
C129	Examination Report to Application No. 0416625.2 Jan. 20, 2005 (Atty Docket No. 25791.68.04)
C130	Search and Examination Report to Application No. GB 0425948.7 April 13, 2005 (Atty Docket No. 25791.59.06)
C131	Search and Examination Report to Application No. GB 0425951.1 April 14, 2005 (Atty Docket No. 25791.59.07)
C132	Search and Examination Report to Application No. GB 0425956.0 April 14, 2005 (Atty Docket No. 25791.59.08)
C133	Search and Examination Report to Application No. GB 0426155.8 January 12, 2005 (Atty Docket No. 25791.58.08)
C134	Search and Examination Report to Application No. GB 0426156.6 January 12, 2005 (Atty Docket No. 25791.58.09)
C135	Search and Examination Report to Application No. GB 0426157.4 January 12, 2005 (Atty Docket No. 25791.58.06)
C136	Examination Report to Application No. GB 0428141.6 February 9, 2005 (Atty Docket No. 25791.89.04)
C137	Examination Report to Application No. GB 0500184.7 February 9, 2005 (Atty Docket No. 25791.107.04)
C138	Search and Examination Report to Application No. GB 0500600.2 February 15, 2005 (Atty Docket No. 25791.)
C139	Examination Report to Application No. GB 0501667.0 May 27, 2005 (Atty Docket No. 25791.90.04)
C140	Search and Examination Report to Application No. GB 0503470.7 March 21, 2005 (Atty Docket No. 25791.60.06)
C141	Search and Examination Report to Application No. GB 0506697.2 May 20, 2005 (Atty Docket No. 25791.87.06)
C142	Search and Examination Report to Application No. GB 0507979.3 June 16, 2005 (Atty. Docket No. 25791.121.04)
C143	Written Opinion to Application No. PCT/US02/39425; April 11, 2005 (Atty Docket No. 25791.68.02)
C144	Written Opinion to Application No. PCT/US03/06544; February 18, 2005 (Atty Docket No. 25791.93.02)
C145	Written Opinion to Application No. PCT/US03/25675 May 9, 2005 (Atty Docket No. 25791.121.02)
C146	Written Opinion to Application No. PCT/US04/08171 May 5, 2005 (Atty Docket No. 25791.236.02)
C147	Combined Search Report and Written Opinion to Application No. PCT/US04/00631; March 28, 2005 (Atty Docket No. 25791.31.02)
C148	Combined Search Report and Written Opinion to Application No. PCT/US04/02122 Feb 24, 2005 (Atty Docket No. 25791.225.02)
C149	Combined Search Report and Written Opinion to Application No. PCT/US04/04740 Jan 19, 2005 (Atty Docket No. 25791.185.02)
C150	Combined Search Report and Written Opinion to Application No. PCT/US04/06246 Jan. 26, 2005 (Atty Docket No. 25791.238.02)
C151	Combined Search Report and Written Opinion to Application No. PCT/US04/08030 Jan 6, 2005 (Atty Docket No. 25791.241.02)
C152	Combined Search Report and Written Opinion to Application No. PCT/US04/08073 March 4, 2005 (Atty Docket No. 25791.262.02)
C153	Combined Search Report and Written Opinion to Application No. PCT/US04/08170 Jan 13, 2005 (Atty Docket No. 25791.40.02)
C154	Combined Search Report and Written Opinion to Application No. PCT/US04/08171 Feb. 16, 2005 (Atty Docket No. 25791.236.02)
C155	Combined Search Report and Written Opinion to Application No. PCT/US04/11172 Feb. 14, 2005 (Atty Docket No. 25791.193.02)
C156	Combined Search Report and Written Opinion to Application No. PCT/US04/28438 March 14, 2005 (Atty Docket No. 25791.137.02)

Examiner Signature	<i>[Signature]</i>	Date Considered	26 DEC 05
--------------------	--------------------	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**Notice of References Cited**

Application/Control No.

10/030,593

Applicant(s)/Patent Under  
Reexamination  
COOK ET AL.

Examiner

Kenneth Thompson

Art Unit

3672

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-4,779,445	10-1988	Rabe, George B.	72/393
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

# Index of Claims



10/030,593

Examiner

Kenneth Thompson

Reexamination

COOK ET AL.

Art Unit

3672

✓	Rejected
=	Allowed

—	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
I	Interference

A	Appeal
O	Objected

Claim	Date
Final	Original
1	12/26/05
2	11/11/05
3	11/11/05
4	✓
5	✓
6	✓
7	11/11/05
8	11/11/05
9	11/11/05
10	11/11/05
11	11/11/05
12	11/11/05
13	11/11/05
14	11/11/05
15	11/11/05
16	11/11/05
17	11/11/05
18	11/11/05
19	11/11/05
20	11/11/05
21	11/11/05
22	11/11/05
23	11/11/05
24	11/11/05
25	11/11/05
26	11/11/05
27	11/11/05
28	11/11/05
29	11/11/05
30	11/11/05
31	11/11/05
32	11/11/05
33	11/11/05
34	11/11/05
35	11/11/05
36	11/11/05
37	11/11/05
38	11/11/05
39	11/11/05
40	11/11/05
41	11/11/05
42	11/11/05
43	11/11/05
44	11/11/05
45	11/11/05
46	11/11/05
47	11/11/05
48	11/11/05
49	11/11/05
50	11/11/05

Claim	Date
Final	Original
51	11/11/05
52	11/11/05
53	11/11/05
54	11/11/05
55	11/11/05
56	11/11/05
57	11/11/05
58	11/11/05
59	11/11/05
60	11/11/05
61	11/11/05
62	11/11/05
63	11/11/05
64	11/11/05
65	11/11/05
66	11/11/05
67	11/11/05
68	11/11/05
69	11/11/05
70	11/11/05
71	11/11/05
72	11/11/05
73	11/11/05
74	11/11/05
75	11/11/05
76	11/11/05
77	11/11/05
78	11/11/05
79	11/11/05
80	11/11/05
81	11/11/05
82	11/11/05
83	11/11/05
84	11/11/05
85	11/11/05
86	11/11/05
87	11/11/05
88	11/11/05
89	11/11/05
90	11/11/05
91	11/11/05
92	11/11/05
93	11/11/05
94	11/11/05
95	11/11/05
96	11/11/05
97	11/11/05
98	11/11/05
99	11/11/05
100	11/11/05

Claim	Date
Final	Original
101	11/11/05
102	11/11/05
103	11/11/05
104	11/11/05
105	11/11/05
106	11/11/05
107	11/11/05
108	11/11/05
109	11/11/05
110	11/11/05
111	11/11/05
112	11/11/05
113	11/11/05
114	11/11/05
115	11/11/05
116	11/11/05
117	11/11/05
118	11/11/05
119	11/11/05
120	11/11/05
121	11/11/05
122	11/11/05
123	11/11/05
124	11/11/05
125	11/11/05
126	11/11/05
127	11/11/05
128	11/11/05
129	11/11/05
130	11/11/05
131	11/11/05
132	11/11/05
133	11/11/05
134	11/11/05
135	11/11/05
136	11/11/05
137	11/11/05
138	11/11/05
139	11/11/05
140	11/11/05
141	11/11/05
142	11/11/05
143	11/11/05
144	11/11/05
145	11/11/05
146	11/11/05
147	11/11/05
148	11/11/05
149	11/11/05
150	11/11/05

1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11  
 12  
 13  
 14  
 15  
 16  
 17  
 18  
 19  
 20  
 21  
 22  
 23  
 24  
 25  
 26  
 27  
 28  
 29  
 30  
 31  
 32  
 33  
 34  
 35  
 36  
 37  
 38  
 39  
 40  
 41  
 42  
 43  
 44  
 45  
 46  
 47  
 48  
 49  
 50  
 51  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
 59  
 60  
 61  
 62  
 63  
 64  
 65  
 66  
 67  
 68  
 69  
 70  
 71  
 72  
 73  
 74  
 75  
 76  
 77  
 78  
 79  
 80  
 81  
 82  
 83  
 84  
 85  
 86  
 87  
 88  
 89  
 90  
 91  
 92  
 93  
 94  
 95  
 96  
 97  
 98  
 99  
 100  
 101  
 102  
 103  
 104  
 105  
 106  
 107  
 108  
 109  
 110  
 111  
 112  
 113  
 114  
 115  
 116  
 117  
 118  
 119  
 120  
 121  
 122  
 123  
 124  
 125  
 126  
 127  
 128  
 129  
 130  
 131  
 132  
 133  
 134  
 135  
 136  
 137  
 138  
 139  
 140  
 141  
 142  
 143  
 144  
 145  
 146  
 147  
 148  
 149  
 150  
 151  
 152  
 153  
 154  
 155  
 156  
 157  
 158  
 159  
 160  
 161  
 162  
 163  
 164  
 165  
 166  
 167  
 168  
 169  
 170  
 171  
 172  
 173  
 174  
 175  
 176  
 177  
 178  
 179  
 180  
 181  
 182  
 183  
 184  
 185  
 186  
 187  
 188  
 189  
 190  
 191  
 192  
 193  
 194  
 195  
 196  
 197  
 198  
 199  
 200  
 201  
 202  
 203  
 204  
 205  
 206  
 207  
 208  
 209  
 210  
 211  
 212  
 213  
 214  
 215  
 216  
 217  
 218  
 219  
 220  
 221  
 222  
 223  
 224  
 225  
 226  
 227  
 228  
 229  
 230  
 231  
 232  
 233  
 234  
 235  
 236  
 237  
 238  
 239  
 240  
 241  
 242  
 243  
 244  
 245  
 246  
 247  
 248  
 249  
 250  
 251  
 252  
 253  
 254  
 255  
 256  
 257  
 258  
 259  
 260  
 261  
 262  
 263  
 264  
 265  
 266  
 267  
 268  
 269  
 270  
 271  
 272  
 273  
 274  
 275  
 276  
 277  
 278  
 279  
 280  
 281  
 282  
 283  
 284  
 285  
 286  
 287  
 288  
 289  
 290  
 291  
 292  
 293  
 294  
 295  
 296  
 297  
 298  
 299  
 300  
 301  
 302  
 303  
 304  
 305  
 306  
 307  
 308  
 309  
 310  
 311  
 312  
 313  
 314  
 315  
 316  
 317  
 318  
 319  
 320  
 321  
 322  
 323  
 324  
 325  
 326  
 327  
 328  
 329  
 330  
 331  
 332  
 333  
 334  
 335  
 336  
 337  
 338  
 339  
 340  
 341  
 342  
 343  
 344  
 345  
 346  
 347  
 348  
 349  
 350  
 351  
 352  
 353  
 354  
 355  
 356  
 357  
 358  
 359  
 360  
 361  
 362  
 363  
 364  
 365  
 366  
 367  
 368  
 369  
 370  
 371  
 372  
 373  
 374  
 375  
 376  
 377  
 378  
 379  
 380  
 381  
 382  
 383  
 384  
 385  
 386  
 387  
 388  
 389  
 390  
 391  
 392  
 393  
 394  
 395  
 396  
 397  
 398  
 399  
 400  
 401  
 402  
 403  
 404  
 405  
 406  
 407  
 408  
 409  
 410  
 411  
 412  
 413  
 414  
 415  
 416  
 417  
 418  
 419  
 420  
 421  
 422  
 423  
 424  
 425  
 426  
 427  
 428  
 429  
 430  
 431  
 432  
 433  
 434  
 435  
 436  
 437  
 438  
 439  
 440  
 441  
 442  
 443  
 444  
 445  
 446  
 447  
 448  
 449  
 450  
 451  
 452  
 453  
 454  
 455  
 456  
 457  
 458  
 459  
 460  
 461  
 462  
 463  
 464  
 465  
 466  
 467  
 468  
 469  
 470  
 471  
 472  
 473  
 474  
 475  
 476  
 477  
 478  
 479  
 480  
 481  
 482  
 483  
 484  
 485  
 486  
 487  
 488  
 489  
 490  
 491  
 492  
 493  
 494  
 495  
 496  
 497  
 498  
 499  
 500  
 501  
 502  
 503  
 504  
 505  
 506  
 507  
 508  
 509  
 510  
 511  
 512  
 513  
 514  
 515  
 516  
 517  
 518  
 519  
 520  
 521  
 522  
 523  
 524  
 525

Kenneth Thompson

3672

[illegible]

INTERFERENCE SEARCHED			
Class	Subclass	Date	Examiner

[illegible]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Cook, et al.

Appl. No. 10/030,593

Filed: January 8, 2002

For: TWO-STEP RADIAL EXPANSION

§ Attorney Docket No.: 25791.25.08  
§  
§ Group Art Unit: 3672  
§  
§ Examiner: Kenneth L. Thompson  
§

**DECLARATION OF LUCRESHA VINSON**

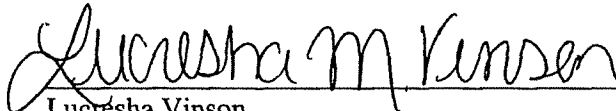
Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I, Lucresha Vinson, declare and say that I have direct knowledge of all facts set forth in this Declaration and:

1. I have been an employee of Haynes and Boone, LLP (the "Firm") since June 2005. In December, 2005, I was the IP File Clerk in the Intellectual Property Practice Group in the Firm's Houston Office.

2. All mail addressed to the Firm's Houston Office intellectual property attorneys is deposited at my desk where I open it. All mail coming from the U.S. Patent and Trademark Office is separated from the other mail. I scan all prosecution mail for docketing to the Firm's Docketing Department in the Firm's Dallas, Texas office. I keep an archive file of all mail scanned to the Firm's Docketing Department. I have reviewed the archive files of mail scanned to the Firm's IP Docketing Department and determined that an Office action dated December 30, 2005 in connection with the above-identified application was never received.

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true and that these statements were made with the knowledge that willful false statements, and the like, so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

  
Lucresha Vinson

10/30/2006  
Date